

1 What is claimed is:

2

3 1. A danger warning system with modules (2, 4, 5, 6, 7, 8) connected via at  
4 least one series connection (3, 9), whereby means are provided in the danger  
5 warning system for determining the particular distance between the danger  
6 warning system and the particular module,  
7 wherein the modules (2, 4 through 8) are capable of being triggered by the  
8 danger warning system such that an energy store (C) is charged in the danger  
9 warning system, whereby the means for determining the particular distance  
10 evaluate the charging time of the energy store (C).

11

12 2. The danger warning system as recited in Claim 1,  
13 whereby the energy store is a capacitor (C), whereby the voltage is capable of  
14 being monitored via the capacitor using a comparator circuit (80), and a counter  
15 for measuring the charging time is provided, whereby the series connection (3) is  
16 configured as a chain of resistors.

17

18 3. The danger warning system as recited in Claim 1 or 2,  
19 wherein switches (SB, SC) are provided that can switch the energy store  
20 between an operating phase and a discharge phase.

21

22 4. The danger warning system as recited in one of the preceding claims,  
23 whereby means (SA) are provided for performing a reference measurement of  
24 the energy store.

25